

☐ SECRET

Approved For Release 2005/05/02 : CIA-RDP78B04770A002100010006-3

99746-4  
☒ CONFIDENTIAL

☐ UNCLASSIFIED

# CONTRACT INSPECTION REPORT

CONTRACT NO.

TASK NO.

TO:

CONTRACT ADMINISTRATION & SETTLEMENT  
BRANCH/PD/OL

DATE

3 June 1966

INSPECTION REPORT NO. (If final, so state)

14 (FINAL)

ESTIMATED COMPLETION DATE

Completed 30 April 1966

NAME OF CONTRACTOR

Declass Review by NGA.

TYPE OF COMMODITY OR SERVICE

Automatic P.I. System Feasibility Study

THE CONTRACTOR IS ON SCHEDULE

☐ YES

☒ NO

THE CONTRACTOR WILL PROBABLY REMAIN WITHIN ALLOCATED FUNDS ☒ YES ☐ NO IF ANSWER IS "NO" ADVISE RECOMMENDATION AND/OR ACTION OF SPONSORING OFFICE, ON REVERSE HEREOF. IF KNOWN, INDICATE MAGNITUDE OF ADDITIONAL FUNDS INVOLVED.

PER CENT OF WORK COMPLETED -

100%

PER CENT OF FUNDS EXPENDED -

NA (Fixed Price)

HAS AN INTERIM REPORT, FINAL REPORT, PROTOTYPE, OR OTHER END ITEM BEEN RECEIVED FROM THE CONTRACTOR DURING THE PERIOD? ☒ YES ☐ NO (If yes, give details on reverse side.)

HAS GOVERNMENT-OWNED PROPERTY BEEN DELIVERED TO CONTRACTOR DURING THIS PERIOD? ☐ YES ☒ NO (If yes, indicate items, quantity, and cost on reverse side.)

## INCENTIVES

IS THIS AN INCENTIVE CONTRACT  
IF YES, CHECK TYPE

☐ YES

☒ NO

NOTE:

USE REVERSE SIDE FOR COMMENTS.

FINAL REPORT MUST CONTAIN INCENTIVE EVALUATION.

☐ COST

☐ PERFORMANCE

☐ DELIVERY

## OVERALL PERFORMANCE OF CONTRACTOR

1. ☐ OUTSTANDING

3. ☐ ABOVE AVERAGE

5. ☐ BELOW AVERAGE

7. ☐ UNSATISFACTORY

2. ☐ EXCELLENT

4. ☒ AVERAGE

6. ☐ BARELY ADEQUATE

IF OVERALL PERFORMANCE OF CONTRACTOR IS UNSATISFACTORY OR BARELY ADEQUATE, INDICATE REASONS ON REVERSE SIDE.

## RECOMMENDED ACTION

☐ CONTINUE AS PROGRAMMED

☐ WITHHOLD PAYMENT PENDING  
SATISFACTORY PERFORMANCE

☒ TERMINATE

☐ OTHER (Specify)

IF TERMINATION IS RECOMMENDED OR IF THIS IS A FINAL REPORT PUT COMMENTS ON REVERSE IN NARRATIVE FORM ON CONTRACTOR'S PERFORMANCE AND CERTIFY THAT ALL DELIVERABLE ITEMS UNDER THE CONTRACT HAVE BEEN RECEIVED. THESE INCLUDE, WHERE APPLICABLE, THE FOLLOWING:

ITEM	REC'D	DOES NOT APPLY	ITEM	REC'D	DOES NOT APPLY
PROTOTYPES		<input checked="" type="checkbox"/>	MANUALS		<input checked="" type="checkbox"/>
DRAWINGS AND SPECIFICATIONS		<input checked="" type="checkbox"/>	FINAL REPORT	<input checked="" type="checkbox"/>	
PRODUCTION AND/OR OTHER END ITEMS		<input checked="" type="checkbox"/>	SPECIAL TOOLING		<input checked="" type="checkbox"/>
			OTHER GOVERNMENT PROPERTY		

(See para. 3  
on reverse side)

DATE OF LAST CONTACT WITH CONTRACTOR

27 April 1966

SIGNATURE OF INSPECTOR

DIVISION

INSPEC

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FORM  
10-65

897

PREVIOUS  
EDITION

☐ UNCLASSIFIED

☒ CONFIDENTIAL

☐ SECRET

(12-36)

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NARRATIVE REPORT

☒ INTERIM

☐ FINAL

Five copies of the final report have been received and the project has been completed.

Comments: 1. Considerable difficulty was encountered on this project which resulted in a 10 month delay in final delivery of the final reports. These difficulties were partially the results of poor design of the experimental image scanning equipment. However, the major reasons for delay of the experimental work were due to equipment failure in the Conflex Computer recognition system. (This latter equipment is USAF - owned, but borrowed for this project.) Upon failure of the Conflex memory unit, [ ] was forced to improvise another recognition program on a general purpose computer. This resulted in a much slower rate of testing and experimentation.

2. In spite of these difficulties, the experimental program did answer the basic question involved; that was, "how efficiently can a line-integral scanning system prenormalize rotational and translational variables of target images?" The basic result of the experimental program was that this particular system can extract parameters from target images that are representative of the targets and these parameters are invariant to translation and rotation. Statistical analysis of the experimental test results indicate that the system correctly recognized 88% of simple geometrical shapes (artificial targets) and correctly recognized 80% of targets on actual aerial photography under a wide range of translational and rotational conditions.

3. Residual experimental equipments developed for this project are: (a) one Line-Integral Scanner Assembly; and (b) one Frequency-Domain Processor. This equipment is being retained temporarily at [ ] for possible future use as a testing device under the Automatic Target Recognition Program.

4. All other deliverable items under the contract have been received.

5. Overall performance of the contractor is rated as average.

[ ]  
Development Branch, P&DS

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MEMORANDUM FOR: General Claims Branch/C&amp;LD/OF

FROM : Chief, Contract Administration Section

SUBJECT : Contractor:   
Contract No.: 

1. The Contractor has satisfactorily complied with the patents and/or royalties provisions of subject agreement. Any amounts withheld pending receipt of this determination may be released for payment.

FOR CONTRACTING OFFICER

## Distribution:

Original &amp; 2 - Addressee

1 - Contract 1 - ~~NPIC~~OL/PD/CA&SB/  (18 May 66)

NOTE TO: NPIC

Attn: 

1. A negative statement was submitted by Contractor on patents and/or royalties. If for any reason you do not concur, please advise; otherwise, we assume the statement is correct.

## Contracting Officer's Address:

  
Post Office Box 6738  
Fort Davis Station  
Washington, D. C. 20020

Final Reports have been received and project is finished.  temporarily is retaining some breadboard equipment which they constructed for this contract.)

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This material contains information affecting the national defense of the United States within the meaning of the espionage laws, Title 18, U. S. C., Sections 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

05328

Post Office Box 6788  
Fort Davis Station  
Washington, D. C. 20020

DATE ENTERED

BACK ORDER FROM

629

INVOICE DATE

5/12/66

COLLECT

PRE-PAID

F.O.B.

TERMS

ITEM NUMBER	DESCRIPTION	QTY SHIPPED	UNIT
	Final Report		
	Less: Cash Received		
	Net amount of this invoice		
	<i>I certify that all deliverable items under the contract have been received &amp; approved.</i>		
25X1	<i>Contract Monitor, PFD 5.</i>		
	I certify that the above bill is correct and just and that payment has not been received.		
25X1	Date <i>5/12/66</i> Per		

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GROUP 1

Excluded from automatic  
downgrading and  
declassification

FILLED BY

RECEIVED BY

DATE REC'D

ORIGINAL

810-79